IDS 7/17/04

Substitute	Form	PTO-1449
(Modified)		

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 07977-209003

Application No. New DIV Appln.

Inf rmation Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Jun Koyama et al.

Filing Date
July 17, 2003

Group Art Unit Unknown 2822

(37 CFR §1.98(b))

L				ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBP	AA	2001-0022677	09/2001	Hirakata et al			фр. оргаде
	AB	4,914,503	04/1990	Shirato et al.			
	AC	5,491,352	02/1996	Tsuji			
	AD	5,644,147	7/1/1997	Yamazaki et al.			
	AE	5,739,549	04/1998	Takemura et al.			
	AF	5,744,820	04/1998	Matsushima et al.		<del></del>	
	AG	5,780,872	07/1998	Misawa et al.			
	AH	5,804,501	09/1998	Kim			1
	AI	5,818,070	10/1998	Yamazaki et al.			
	AJ	5,899,547	05/1999	Yamazaki et al.			
	AK	6,008,065	12/1999	Lee et al.		·	
	AL	6,072,556	06/2000	Hirakata et al.			
	AM	6,166,396	12/2000	Yamazaki	1		
	AN	6,198,133	03/2001	Yamazaki et al.	<del>                                     </del>		
	AO	6,239,854	05/2001	Hirakata et al.	1 -		
4	AP	6,384,818	05/2002	Yamazaki et al.	<del>                                     </del>	<del></del>	

	Foreig	n Patent Doc	uments or Pu	ublished Foreign I	Patent A	Application	ne	
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass		slation No
	AQ				1	00000033	169	140

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
L-vallinici	Desig.	, the fact and face of fabrication)
Initial	ID	Document
	AR	
	AS	

Examiner Signature	Data Cassidand
which from	Date Considered 3/18/2005
EXAMINER: Initials citation considered. Praw line through citation if no	t in conformation
next communication to applicant.	th Conformance and not considered. Include copy of this form with
	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-209003	Application No. 10/620,565	
	closure Statement	Applicant Jun Koyama et al.		
(Use several si	neets if necessary)	Filing Date July 17, 2003	Group Art Unit 2871 2822	

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	5,075,674	12/24/1991	KATAYAMA et al.			11/18/1988
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH				1		
	AI						

	Foreig	n Patent Doo	uments or P	ublished Foreign	Patent A	Applica	tions	
Examiner	Desig.	Document	Publication	Country or		Sub-	Transla	tion
Initial	ID	Number	Date	Patent Office	Class	class	Yes	No
KBD	AJ	EP0 318 224	31 MAY 1989	EUROPE			In English	
	AK	ЈР01-134343	26 MAY 1989	JAPAN			Abstract	
	AL	ЈР01-134344	26 MAY 1989	JAPAN			Abstract	
	AM	JP04-313729	05 NOV 1992	JAPAN			Abstract	
	AN	ЈР05-053127	05 MAR 1993	JAPAN			Abstract	
	AO	JP05-241200	21 SEP 1993	JAPAN			Abstract	
	AP	ЈР06-160904	07 JUN 1994	JAPAN			Abstract	
*	AQ	ЈР07-175038	14 JUL 1995	JAPAN			Abstract	
	AR							

	Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document		
	AS			
	AT			
	AU			
	AV			

Examiner Signature  MAR  Inon	Date Considered 3/18/2005
EXAMINER: Initials citation considered. Draw line through citation if no	ot in conformance and not considered. Include copy of this form with

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-209003	Application No. 10/620,565	
	closure Statement oplicant	Applicant Jun Koyama et al.		
(Use several si	neets if necessary)	Filing Date July 17, 2003	Group Art Unit 2871	

Examiner Signature	Date Considered /
Who Ihm	3/29/2005
EXAMINER: Initials citation considered. Draw line through citation if not	t in conformance and not considered. Include copy of this form with
next communication to applicant.	
	Substitute Disclosure Form (PTO-1449)

Sheet	of	

Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-209003	Application No. 10/620,565		
incomation Disclosure Statement by Applicant	Applicant Jun Koyama et al.				
USe several shi	eets if necessary)	Filing Date July 17, 2003	Group Art Unit  2871 2822		

STRAKE			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	5,182,620	01/26/1993	SHIMADA et al.			04/02/1991
	AB						
	AC						
	AD						
	AE						
=	AF						-
	AG						
	AH						
	ΑI						
	AJ						
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or	7			slation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL							
•	AM							
	AN							
	AO							
, <u></u>	AP	·		··				

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
KBD	AQ	Office Action (Application No. 10/803,965), August 11, 2004, 7 pages.
	AR	
	AS	
	AT	

Examiner Signature	Date Considered 3/18/2005
EXAMINER: Initials citation considered Draw line through citation if no next communication to applicant.	it in conformance and not considered. Include copy of this form with
	Substitute Disclosure Form (PTO-1449)



m PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 07977-209003

Application No. 10/620,565

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Jun Koyama et al.

Filing Date
July 17, 2003

Group Art Unit 2822

(37 CFR §1.98(b))

**U.S. Patent Documents** Filing Date Publication Examiner Desig. Document Date Patentee Class **Subclass** If Appropriate Initial ID Number KOYAMA et al. 03/19/2004 10/803,965 Pending AA 05/21/2004 KOYAMA et al. 10/850,117 Pending AB 10/08/2004 KOYAMA et al. AC 10/960,897 Pending AD AE ΑF AG AΗ ΑI ΑJ ΑK

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
KBD	AL	JP04-313729	05 NOV 1992	JAPAN			Full	
	AM	ЈР05-053127	05 MAR 1993	JAPAN			Full	_ !
	AN	ЈР05-241200	21 SEPT 1993	JAPAN			Full	
	AO	Љ06-160904	07 JUNE 1994	JAPAN			Full	
4	AP	ЈР07-175038	14 JULY 1995	JAPAN			Full	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature  ALA Blann	Date Considered 3/18/2005
EXAMINER: Initials station considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with
	Substitute Disclosure Form (PTO-1449)

C14		_	+
Sheet	_ •	of.	_ <b>i</b> _

Substitute Form PTO 1449 (Modified)

(37 CFR §1.98(b))

Attorney's Docket No. 07977-209003

Application No. 10/620,565

## Form PTO 1449 Commerce Patent and Trademark Office Information Disclosure Statement by Applicant (Use several sheets if necessary)

(056	2616191	2::66:2	n necessary	

Applicant Jun Koyama et al.

Filing Date July 17, 2003

Group Art Unit <del>-2871</del>

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
KBP	AA.	5,636,329	06/03/1997	Sukegawa et al.			06/22/1995	
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							

Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or			Translation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	AL								
	AM		_						
	AN								
	AO								
	AP								

Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner	Desig.	0				
Initial	ID	Document				
	AQ					
	AR					
	AS					
	AT					

Examiner Signature What They	Date Considered 3/18 / 2005
EXAMINER: Initials citation considered. Draw line prough citation if no next communication to applicant	t in conformance and not considered. Include copy of this form with